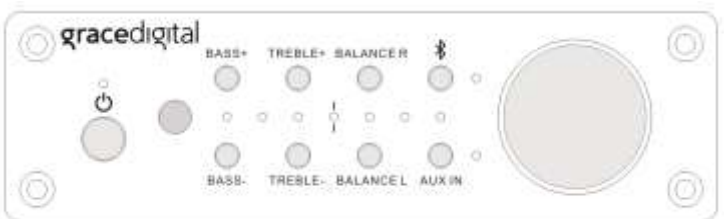
Bluetooth integrated amplifier

a gracedigital creation



USER Guide **Model no.: GDI-BTAR512**

gracedigital

Important Safety Instructions and Warnings

Please read before installation

WARNING:

- To reduce the risk of fire or electrical shock, do not expose the product to rain or moisture
- The product should not be exposed to any dripping or splashing liquid
- Objects filled with liquids, such as vases, should not be placed on the product
- No open flame sources, such as lighted candles, should be placed on the product
- Keep the remote control battery or optional rechargeable battery away from children. It may cause a fire or a chemical burn if mishandled. Do not disassemble, heat above 100° C (212° F), or incinerate. Dispose of used batteries promptly. Replace only with a battery of the correct type and model number.

CAUTION:

1. Please retain these safety instructions for future reference.
2. Please follow these instructions. These instructions contain information for your safety.
3. Please heed the safety warnings on the product and in the user's guide. Failure to do so could result in injury or damage to the product.
4. Power source - the product must only be connected to a power supply of the type specified in the user's guide or as marked on the product.
5. Power cord protection – protect the power cord from damage. Do not walk on the power cord. Please take care not to let the power cord become pinched, particularly at or near the plug.
6. Water and moisture - the product should not be used near water (for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool etc.)
7. Heat - keep the product away from heat sources such as radiators, heat registers, stoves or other appliances that produce heat.
8. Damage requiring service - the product should be serviced by qualified service personnel If:
   a) The power supply cord or the plug has been damaged: or
   b) Objects have fallen or liquid has been spilled into the product: or
   c) The product has been exposed to rain: or
   d) It does not appear to operate normally or exhibits a marked performance change: or
   e) The product has been dropped, or the enclosure damaged.

13. Servicing - the user should not attempt to service the product. All servicing should be referred to qualified service personnel .
14. Unplug the power adapter during lightning storms or when unused for long periods of time.

ADVISORY

This Product is intended for **North American markets**. The GRACE BTAR512 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC

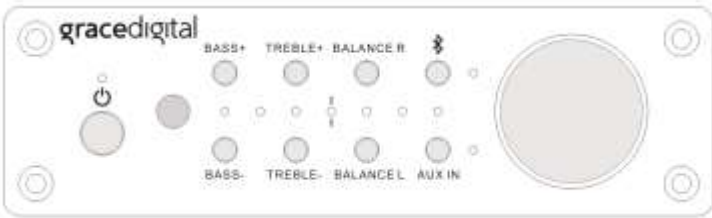
ADVISORY

FCC Compliance and Advisory Statement: This device complies with **Part 15** of the **FCC Ru**les. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to **Part 15** of the **FCC Rules**. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, If not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter."

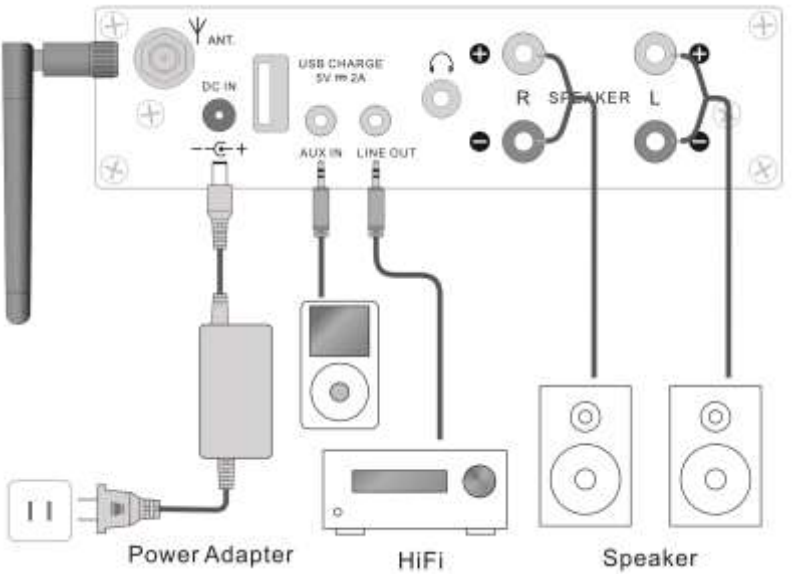
Front Panel



- Power: Press to turn unit on from standby. If there are no current Bluetooth saved pairs the amplifier will automaticially go into pairing mode. The amplifier will remember your previous settings, source selection, and Blueooth pairs from your prior listeneing sessions.
- Bass: Press BASS+ to increase bass or BASS- to decrease bass. When the LED light is on the center LED the bass is set to the neutral position.
- Treble: Press TREBLE + to increase treble or TREBLE- to decrease treble. When the LED light is on the center LED the treble is set at the neutral position.
- Balance: Press BALANCE R to center audio towards the right speaker or BALANCE L to center audio towards the left speaker. When the LED light is on the center LED the balance is perfectly centered.
- Bluetooth: Press once to select Bluetooth as your audio source. Press and hold approximately 2 seconds to enter into Bluetooth pairing mode. The BT light will start flashing when ready to pair with your Bluetooth device and solid blue when the pairing is ready and music can be played. The amplifer will show up as 'Grace Digital' on your device and no password is required.

  While music is playing via Bluetooth, briefly pressing the BT button will pause the song playing. Pressing it again will play the song.
- Aux in: Press to play music from your optional wired audio source
- Volume: Rotate to the right to raise the volume and left to lower the volume

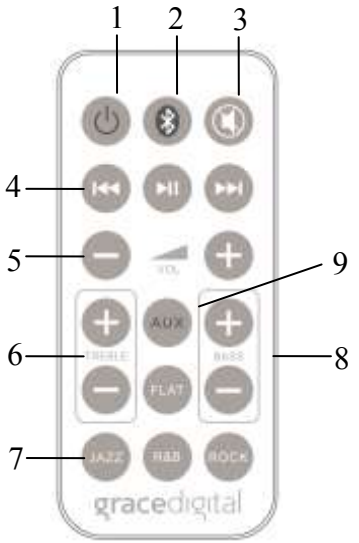
Back Panel



- ANT.: Thread the included Bluetooth antenna to this screw
- DC IN: Insert the included power adpater into this connector
- USB CHARGE: Optionally charge smartphones or tablets. (Does not support playing audio from this port)
- AUX IN: Optionally connect any standard wired audio source
- LINE OUT: Optionally connect to a home stereo line-in connection, computer's audio input jack, or powered speakers. The amplifier will play music simultaenously via line-out and the speaker connections.
- SPEAKER: Connect any standard non-powered stereo speakers
- HEASDET JACK: For private stereo music listening.

Remote Control

1. Power button: Turns the Bluetooth integrated amplifier on/off
2. Bluetooth: Press to play audio from a connected Bluetooth device. Press for 2 seconds to enter Bluetooth pairing mode. Light will flash while pairing and constant when pairing is successful.
3. Mute: Mute on/off
4. Track selection: previous song, play/pause, next song
5. Volume: Press '+' to increase volume or '-' to decrease the volume
6. Treble: To increase treble press '+', to decrease treble press '-'
7. Equilizer settings: JAZZ, R&B, ROCK, and FLAT. Flat will reset all equilizer settings back to the neutral factory defaults.
8. Bass: To increase bass press '+', to decrease bass press '-'
9. AUX: Switch audio input to the optional wired auxillery connection



Specifications

Model: GDI-BTAR512

100 watt class D Digital amplifier (50 watts per channel)

- Bluetooth 4.0 and aptX, remembers 8 Bluetooth devices
- 100-240V, 25V 4.3A switching power supply
- THD < 0.1% @50w
- Frequency response: 20Hz – 20kHz
- Channels: 2 (stereo)
- Dimensions: 5.9” x 4.9” x 1.5”